REMARKS

The cited reference to Trost, and the cited Figure 15, shows a Bluetooth baseband which includes HCI hardware (unnumbered) and HCI firmware 1513. It also shows link manager firmware 1515. Thus, the reference does teach a host controller interface firmware which language is also set forth in the claim and a link manager firmware which language is also set forth in the claim.

The office action suggests that the reference teaches handling the state of each link with a device through the link manager firmware. In support thereof, it is believed that paragraphs 72, 76, 89, and 96 are cited.

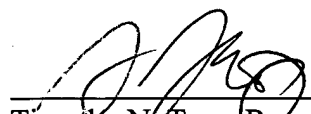Paragraph 72 never says anything about the link manager firmware. The same may be said of paragraphs 76 and 96.

That leaves paragraph 89 which does mention the link manager firmware 1515, but merely says "In addition, some residual HCI firmware 1513 may continue to run to interface with the link manager firmware 1515." Certainly, this does not meet the claimed limitations.

A brief review reveals no other discussion of the link manager firmware 1515, and, if this is so, it is believed that there is no way to support the rejection based on the teaching of this reference.

Therefore, reconsideration is requested.

Respectfully submitted,

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